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**FACSIMILE COVER SHEET**

DATE: June 13, 2006  
TO: Examiner Scott A. Hughes  
COMPANY OR FIRM: PTO  
FACSIMILE NO.: (571) 273-8300  
FROM: Beth Pearson-Naul for Kaushik P. Sriram  
RE: Serial No.: 10/806,009  
Docket No.: 414-35351-US  
Title: "Use of Pattern Recognition in a Measurement of  
Formation Transit Time for Seismic Checkshots"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 9

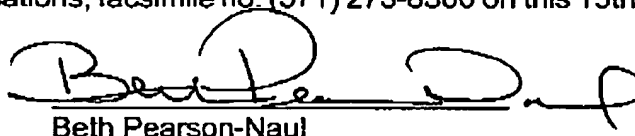
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Attached herewith is a Response to Final Office Action for the above-referenced patent application.

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Beth Pearson-Naul


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Beth Pearson-Naul**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Graham A. Gaston et al.	§	Group Art Unit: 3663
	§	
SERIAL NO.: 10/806,009	§	Examiner: Scott A. Hughes
	§	
FILED: March 22, 2004	§	Atty. Docket: 414-35351-US
	§	
TITLE:"Use of Pattern Recognition in a Measurement of Formation Transit Time for Seismic Checkshots"	§	Confirmation No.: 1214
	§	
	§	

**RESPONSE TO FINAL OFFICE ACTION DATED 13 MARCH 2006**

This is in response to the Office Action dated 13 March 2006 for the above-identified patent application. Please amend the application as indicated below.

Amendments to the Claims begin at page 2 of this document.

Remarks begin at page 6 of this document.

10/806,009

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